MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MARCH 1952

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.0	57.6	59.2	57.9	16.2	9.1	15.8	14.4	13.4	14.5
2	59.7	58.4	58.8	58.9	14.3	8.2	9.3	11.8	12.5	11.2
3	59.7	61.6	62.8	61.4	12.7	8.5	9.4	11.1	9.7	10.1
4	64.3	63.7	64.2	64.1	13.8	8.3	11.7	13.9	9.7	11.8
5	64.4	62.8	62.1	63.1	15.5	10.9	11.2	15.2	13.3	13.2
6	59.7	59.3	60.6	59.4	19.0	11.6	14.7	18.6	14.1	15.8
7	60.8	60.3	59.1	60.1	18.1	14.1	13.8	17.1	15.0	15.3
8	58.2	59.0	59.6	58.9	19.7	12.2	17.1	18.1	15.2	16.8
9	59.9	59.5	57.5	59.0	19.3	11.3	13.9	13.6	12.3	13.3
10	50.1	54.1	57.2	53.8	19.8	9.7	18.9	12.8	12.8	14.8
11	59.9	59.5	59.9	59.8	16.1	10.0	12.6	16.0	13.1	13.9
12	59.7	60.1	61.6	60.5	16.4	9.7	12.1	13.9	9.4	11.8
13	63.0	63.5	64.9	63.8	17.7	11.4	16.2	17.3	13.3	15.6
14	62.4	55.6	56.0	58.0	23.0	13.4	13.7	19.2	22.2	18.4
15	58.0	56.2	60.5	58.2	20.0	14.1	18.1	19.2	15.6	17.6
16	60.7	60.0	60.0	60.2	19.0	11.9	16.3	18.7	14.7	16.6
17	62.3	62.0	62.8	62.4	15.7	11.1	13.4	14.4	11.7	13.2
18	62.8	62.5	62.8	62.7	17.2	10.2	12.8	15.4	12.3	13.5
19	62.5	61.9	61.2	61.9	16.7	11.9	14.2	14.5	12.3	13.7
20	55.3	52.9	48.9	52.4	25.7	14.4	16.8	20.3	24.7	20.6
21	51.6	54.9	57.5	54.7	17.8	12.2	14.9	17.6	13.2	15.2
22	59.7	59.9	61.0	59.9	18.5	11.3	15.1	18.1	12.9	15.4
23	60.5	59.6	60.1	60.1	18.0	11.7	15.0	16.5	13.9	15.1
24	60.2	60.2	60.7	60.4	18.7	12.5	15.7	18.1	14.4	16.1
25	62.5	62.4	63.6	62.8	18.8	12.4	16.4	18.4	17.2	17.3
26	63.9	62.9	62.8	63.2	19.0	13.7	17.0	18.4	15.7	17.0
27	62.3	62.2	63.7	62.7	20.9	14.6	17.3	20.4	16.4	18.0
28	64.1	64.7	65.8	64.9	20.4	14.8	17.6	19.9	16.2	17.9
29	66.3	65.7	65.1	65.7	21.8	15.0	17.7	20.9	17.4	18.7
30	64.1	63.4	62.2	63.4	22.8	15.4	19.3	20.3	16.4	18.7
31	63.0	62.2	62.0	62.4	22.7	15.9	19.2	21.4	17.8	19.5
	60.60	60.27	60.79	60.55	18.55	11.98	15.07	16.95	14.47	15.50

Barometer, range for month 766.3 mm. — 750.1 mm
„ 71-yr. average for month 761.187 mm.
Thermometer, range for month 25.7°C — 8.2°C
„ 71-yr. average for month 16.16°C
Rain total for month 119.48 mm.
„ 71-yrs average for month 92.54 mm.
„ Total, Sept. 1st. to end of month 1122.67 mm.
„ 71-yrs. average. Sept. 1st. to end of month 814.84 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	15.0	10.1	9.2	11.4	86	62	59	69	2.8	491.0	2.80
2	11.0	11.9	10.1	11.0	91	86	71	83	0.8	525.0	28.96
3	11.0	7.5	6.8	8.4	92	57	60	70	0.3	335.0	17.02
4	7.5	7.4	7.2	7.4	55	48	61	55	8.8	307.0	
5	7.5	10.1	9.6	9.1	57	59	64	60	9.0	227.0	
6	11.0	13.3	11.9	12.1	67	63	76	69	6.1	278.0	
7	11.5	11.2	13.0	11.9	72	60	76	69	9.2	312.0	
8	8.3	13.3	10.6	10.7	44	67	63	58	5.4	447.0	
9	9.6	12.9	10.1	10.9	59	85	70	71	1.0	299.0	5.59
10	18.3	12.4	10.1	13.6	84	84	68	79	0.4	922.0	18.80
11	11.4	10.2	10.1	10.6	76	55	69	67	2.8	499.0	5.33
12	11.0	10.0	11.8	10.9	78	69	98	82	0.9	422.0	23.72
13	10.2	12.7	11.4	11.4	55	65	76	65	6.3	195.0	4.57
14	10.5	13.4	9.2	11.0	68	61	34	54	4.9	299.0	
15	14.4	16.7	13.0	14.7	68	78	74	73	2.8	526.0	
16	12.6	15.0	12.5	13.4	69	68	76	71	6.4	778.0	
17	7.8	10.6	9.6	9.3	50	64	69	61	3.9	589.0	1.01
18	7.9	8.8	13.7	10.1	54	51	95	67	5.3	373.0	0.25
19	10.1	10.1	10.5	10.1	63	62	74	66	1.9	185.0	1.52
20	12.6	14.1	5.9	10.9	67	60	20	49	1.2	629.0	
21	14.0	11.8	10.1	12.0	82	58	64	68	4.3	737.0	9.91
22	10.6	9.8	11.0	10.5	62	49	75	62	7.7	172.0	
23	10.6	12.1	11.5	11.4	61	62	71	65	4.7	82.0	
24	9.2	11.3	12.5	11.0	53	56	76	62	9.4	204.0	
25	11.6	12.8	11.2	11.9	64	61	57	60	9.6	42.0	
26	12.7	14.9	15.0	14.2	64	71	85	73	9.6	377.0	
27	15.3	16.4	17.2	16.3	78	68	93	80	9.6	192.0	
28	15.4	16.9	16.2	16.2	76	72	89	79	9.5	332.0	
29	17.0	16.5	16.3	16.6	85	65	84	78	8.8	132.0	
30	18.5	18.1	15.2	17.3	80	74	80	78	9.4	47.0	
31	15.5	18.9	15.9	16.8	72	75	77	75	7.2	182.0	
	11.92	12.62	11.56	12.03	68.7	65.0	71.1	68.3	5.48	359.26	3.85

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu	8cu	7cu	8.0	1sw	4w	3sw	light	
2	10ni	10cu	10cu-ni	10.0	3w	1sw	4nw	,,	T ; all day
3	10ni	10cu	9cu	9.7	1s	3ne	1w	slight	
4	6cu	1cu	0	2.3	1se	2nw	1nw	light	
5	1ci	0	10cu st	3.7	1e	1ne	1n	,,	
6	9cu	4cu	9cu	7.3	1sw	2w	1e	light	
7	0	1cu	7cu	2.7	1e	2n	1e	,,	
8	8cu-st	9cu	10cu-st	9.0	3sw	2w	2w	,,	
9	10cu-st	10ni	10cu-st	10.0	2sw	1e	1e	,,	
10	10cu-st	10cu-ni	9cu-ni	9.7	4sw	4nw	4sw	slight	T ; a.m. ; W
11	10cu-ni	9cu	10cu-ni	9.7	3w	3w	2w	light	
12	9cu-ni	10ni	10ni	9.7	2sw	2sw	1sw	,,	
13	9cu-ni	6cu	1ci	5.3	1se	1w	1e	,,	
14	10st	7cu-st	10st	9.0	1e	2e	1e	,,	
15	10st	6cu-st	1cu	5 7	1s	3sw	2w	,,	Tr ; p.m.
16	3cu	8cu-st	9cu-ni	6.7	3sw	3sw	3sw	slight	Tr; a.m.
17	7cu-ni	9cu-ni	10ni	8.7	3sw	3w	4sw	,,	
18	9cu-ni	9cu-ni	9cu-ni	9.0	1 w	2w	1w	light	Tr ; p.m.
19	9cu-ni	10cu-st	0	6.3	1se	1sw	1e	,,	
20	10cu-st	10cu-st	10st	10.0	1e	1e	2e	,,	
21	10ni	8cu	6cu-ni	8.0	4sw	3sw	2sw	slight	T ; p.m.
22	8cu	7cu-ci	10ni	8.3	2sw	1sw	1sw	light	Tr ; p.m
23	4cu	9cu-st	8cu-st	7.0	1sw	1n	1n	,,	
24	0	1cu	0	0.3	1se	2ne	1ne	,,	
25	0	0	0	0.0	1ne	1ne	1ne	,,	
26	0	0	0	0.0	1ne	2ne	3ne	light	
27	0	0	5st	1.7	1nw	1nw	2nw	,,	D ; p.m.
28	0	0	0	0.0	2nw	1n	1n	,,	D ; p.m.
29	3cu	5cu-st	10st	6.0	1nw	1n	1ne	,,	
30	0	7cu	4st	3.7	1e	1ne	1n	calm	H ; a.m.
31	1cu	9st	0	3.3	1se	1e	1e	,,	

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	5	5	2	11	3	3	0	31
14:30	4	6	4	0	0	7	7	3	0	31
20·30	4	4	8	0	0	7	5	3	0	31
Total	8	12	17	5	2	25	15	9	0	93

Number of day with rain 12, fog 0, thunderstorms 3, gale 0.
71 yr. av. number of days with rain during mouth 10.76